

**REMARKS**

The foregoing separate sheets marked as "Listing of Claims" shows all the claims in the application, with an indication of the current status of each. Claim 1 has hereby been cancelled, claims 2-4 have hereby been amended, and new claim 5 has been added. Claims 2-5 are currently pending in the application.

**35 USC §102(b) Rejection and Allowable Subject Matter**

Claims 1, 3 and 4 stand rejected under 35 USC § 102(b) as anticipated by Friere. Claim 1 has hereby been cancelled, thereby making moot that portion of the 102(b) rejection.

The Examiner has indicated that claim 2 of the application would be allowable if rewritten to include all the limitations of claim 1 from which it depends. Applicant has hereby amended claim 2 to recite all the features of cancelled claim 1. Applicant submits that, as stated by the Examiner, the subject matter of claim 2 has thus been rendered allowable. Further, claim 3 has been amended to recite dependency from amended claim 2 rather than from cancelled claim 1.

In addition, claim 4 has hereby been amended to also recite all the features of claim 1. Claim 4 recites a computer program product to carry out a computer assisted method as is recited in claim 2. Applicant submits that the addition of these features of claim 1 to claim 4 also render the subject matter of claim 4 patentable, as is the case for claim 2. In addition, new claim 5 has been added to recite the feature that the molecule that is processed by the computer program product of claim 4 is a protein, akin to claim 3 which recites that the molecule of claim 2 is a protein. Thus, Applicant submits that new claim 5 does not introduce any new matter.

In view of the foregoing, Applicant respectfully requests withdrawal of this rejection.

**Closing Comments and Formal Matters**

In view of the foregoing, it is requested that claims 2-5 of the application be allowed, and that the application be passed to issue.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at 703-787-9400 (fax: 703-787-7557; email: [ruth@wcc-ip.com](mailto:ruth@wcc-ip.com)) to discuss any other changes deemed necessary in a telephonic or personal

interview. Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ruth E. Tyler-Cross". The signature is fluid and cursive, with "Ruth" on top, "E." in the middle, and "Tyler-Cross" on the bottom.

Ruth E. Tyler-Cross

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